

MAURER, Karel, inz. CSc.

Semiautomatic line for casting combustion boats. Sklar
a keramik 14 no. 3: 95-97 Mr '64.

1. Research Institute of Electrotechnical Ceramics,
Hradec Kralove.

MAURER, M., prof.

DECEASED

The physiological bases of labour medicine. Romanian M Rev. no.1:
45-54 Ja-Mr '61.

(INDUSTRIAL MEDICINE) (PHYSIOLOGY)

*
DECEASED

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ROMANIA

ILEA, T., Professor; LEPSOU, Ch., Professor; ~~MAJORET, M.~~, Professor;
ARDELEAN, I., Professor; CAROLINSCU, I., MD.

Bucharest, I. Iona, No 6, Nov-Dec 63, pp 431-437

"Health Protection of Workers on the Building Sites in the
City of Bucharest."

* *Revised, per analyst*

(5)

2

MAURER, R.D.

CA

Second-sound velocity in helium II. R. D. Maurer and Melvin A. Heria. *Phys. Rev.* 76, 948-50 (1949).—The velocity of second sound in liquid He II was detd., 0.86-1.45°K. The increase in velocity below 1.1°K. reported by Peshkov (*C.A.* 41, 2621i; *J. Exptl. Theoret. Phys.* (U.S.S.R.) 18, 931 (1948)) is verified and is extended to lower temps. Fatham's results (*C.A.* 43, 4915d) are in error, owing to failure to correct for the absence of true vapor pressure readings directly over the He surface. The theoretical implications are discussed. G. M. Petty

MAUREROVA-HUBACKOVA, F.

POLANSKY, P.

Czechoslovakia

Docent Doctor

KUNZ-KNV Tuberculosis Section of the Central Bohemian Kraj
(Tuberkulozni oddeleni KUNZ-KNV Stredoceskeho kraje), Prague-
Veleislav; Director: P. POLANSKY, Doc. Dr.

Prague, Rozhledy v tuberkulose a v nemocich plicnich, No 8,
Sep 62, pp 612-615.

"On the Classification of Patients with Pulmonary TB with
Regard to Priority Care".

Co-authors:

DYMER, O., MAUREROVA-HUBACKOVA, F. KUNZ-KNV Tuberculosis Section
of the Central Bohemian Kraj.

(3)

RUMANIA

NICOLAU, Cl., Conf. Dr.; MAURESAN, V.; CHRISTEA, Al.; NICOLAU, Elena; MIU, C., Lieutenant-Colonel, Pharmacist; VOICU, V., Lieutenant-Major, Medical Corps; and STROESCU, Eugenia

"Correlation Between Changes in Structure and Changes in Pharmacodynamic Activity of Acetylcholine and Some Derivatives of Irradiated Compounds"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; p 498

Abstract: X-irradiation with 10^5 , 2×10^5 , 5×10^5 r of acetylcholine, acetylcholine iodide, benzensulfonate and paratoluene-sulfonate of acetylcholine; paramagnetic resonance spectral calculation of density of labile electrons were correlated with nicotinic effect changes.

MAURIN', A.M.; KAUROV, I.A.

Comparative methods for determining the viability of tree pollen.
Bot.zhur.41 no.1:81-84 Ja '56. (MLRA 9:6)

1.Leningradskaya ordena Lenina lesotekhnicheskaya akademiya imeni
S.M.Kirova. (Pollen)

COUNTRY : USSR
CATEGORY : Cultivated Plants - Ornamental. M
ABS. JOUR. : RZhBiol., No.14, 1957, No.63613
AUTHOR : Maurin', A. M.
INST. : -
TITLE : Propagation of Aristolochia with Cuttings.
OPIC. PUB. : Sad i ogorod, 1957, No. 5, 69
ABSTRACT : The cuttings of aristolochia take root well in the soil with a 25% admixture of rotted leaves of aristolochia. Without this admixture, no rooting took place.

Card: 1/1

128

MAURIN, A.M.

MAURIN¹, A.M. [Maurins, A.M.]; FUKA, T.F.; RIEKSTIN¹, I.R. [Riekstins, I.R.].

Ornamental trees and shrubs in the collections of the botanical garden in Salaspils. Biol. Glav. bot. sada no.29:14-25 '57.
(MIRA 11:1)

1. Botanicheskiy sad AN Latvyskoy SSR.
(Salaspils--Plants, Ornamental) (Trees) (Shrubs)

MAURIN', A.M.; ARTIPOV, V.G.

Foundation of the botanical garden of the Academy of Sciences of
the Latvian S.S.R. Bot.shur.42 no.1:153 Ja '57. (MLRA 10:2)

1. Botanicheskiy sad Akademii nauk Latvyskoy SSR, Riga.
(Salaspils--Botanical gardens)

MAURIN', A.M.

Rare exotics in parks and gardens of the Latvian S.S.R. Bot.
zhur. 42 no.6:924-925 Jo '57. (MIRA 10:7)

1. Lesotekhnicheskaya akademiya imeni S.M. Kirova, Leningrad.
(Latvia--Plants, Ornamental)

MAURIN', A.M. [Mauriņš, A.]; ANTIPOV, V.G.

Expedition of the Botanical Garden of the Academy of Sciences of
the Latvian S.S.R. Bot.zhur. 43 no.10:1526-1527 0 '58.
(MIRA 11:11)

1. Botanicheskiy sad Latvyskoy SSR, Riga.
(Latvia--Botany)

MAURIN', A. [Maurins, A.]

Pollen quality of exotic tree species in the Latvian S.S.R.
Vestis Latv ak SSR no.8:129-133 '62.

MAURIN, K.

Mathematical Reviews
Vol. 14 No. 10
Nov. 1953
Analysis

7-13-54
LL

Maurin, K. On Parseval equation for almost periodic vectors. *Studia Math.* 13, 83-86 (1953).

This note presents a brief, elegant, and elementary proof of the Parseval relation in H. Weyl's theory of almost periodic invariant vectors [Amer. J. Math. 71, 178-205 (1949); these Rev. 10, 461, 856]. Let $\mathcal{H}$ be a (possibly incomplete) Hilbert space with elements $f, g, \dots$ and inner product (f, g) . Let $\mathcal{H}$ be provided with a second norm $\|f\|$ such that $\|f\| \leq |f|$. Let Z be a group of linear transformations of $\mathcal{H}$ into itself such that $(zf, zg) = (f, g)$ and $\|zf\| = \|f\|$ for all $z \in Z$. If, for a particular $f \in \mathcal{H}$, the group Z is compact in the metric topology

$$\rho_z(\sigma, \tau) = \|\sigma f - \tau f\|,$$

then f is said to be almost periodic. Let f be a fixed almost periodic vector in $\mathcal{H}$. Then Weyl's fundamental theorem asserts that there exists a finite or countably infinite sequence of pairwise orthogonal subspaces $\mathcal{H}_k$ of $\mathcal{H}$ each of finite dimension, where $\mathcal{H}$ is spanned by the orthonormal vectors $g_{k,1}, \dots, g_{k,p_k}$, and that $f = \sum_k (f, g_k) g_k$. This clearly implies the Parseval relation $\|f\|^2 = \sum_k |(f, g_k)|^2$. The proof given here uses only Arzela's theorem and elementary properties of completely continuous operators, and occupies 41 lines.

E. Hewitt (Seattle, Wash.).

MAURIN, K.

Maurin, K. Mixed problems concerning the boundary and initial values for a class of equation systems based upon differentiable manifolds; the proof of Fourier's method. In German. p. 471.

MATEMATYKA

Vol. 3, No. 9, 1955

Warszawa, Poland

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 10 Oct. 56

MAURIN, K,

Mixed problems of initial and marginal value in a total number for certain systems of differential equations on differentiating manifolds; a proof of Fourier's method. In German. p. 314.
(STUDIA MATHEMATICA. Vol. 15, no. 3, 1956. Warszawa, Poland)-

SO: Monthly List of East European Accessions (MEAL) LC. Vol. 2, no. 12, Dec. 1967.
Uncl.

MAURIN, K.

Elementary remarks on commutative e -Algebras; a proff of Dirac's supposition.
In German.

P. 74 (STUDIA MATHEMATICA) Poland, Vol. 16, No. 1, 1957

SO: Monthly Index of European Accessions (MEI) Vol. 6, No. 11, November 1957

Expansions of Positive Definite Kernels in Characteristic Distributions. Differentiability of the Spectral Function of a Hypoelliptic Operator 2

1738:

Mazur, K. Entwicklung positiv definiter Kerne nach Eigenverteilungen. Differenzierbarkeit der Spektralfunktion eines hypoelliptischen Operators. [P]Bull. Acad. Polon. Sci. Sér. Sci. Math. Astr. Phys. 6 (1958), 149-155.

Let $S=C_0^\infty(\Omega_n)$ be the class of C^∞ functions with compact support on a C^∞ manifold Ω_n , and let (u, v) be an hermitian positive definite bilinear functional on $S \times S$ continuous in $D^\infty \times D^\infty$ topology for some $m=0, 1, \dots$. If L is a symmetric operator relative to (u, v) and ACL is a self-adjoint extension of L , then

$$(u, v) = \int_{\Omega_n \times \Omega_n} K(x, y) u(x) \overline{v(y)} dx dy$$

with $K(x, y) = \int_{\text{spectrum } L} \theta(x, y; \lambda) d\mu(\lambda)$ for a suitable $d\mu(\lambda) \geq 0$, and $K(\cdot, \cdot) \in D^m(\Omega_n \times \Omega_n)$. Here $\theta(x, y; \lambda)$ is an eigen-distribution of L .

This theorem of the author generalizes a previous theorem of Yu. M. Berezanskii [Dokl. Akad. Nauk SSSR 110 (1956), 893-896; MR 19, 1061] bearing on the case when L is a partial differential operator, and which had been stated as a comprehensive version of Fourier-Stieltjes representation for positive-definite and also completely monotone functions. S. Bochner (Princeton, N.J.)

MAURIN, K.

"Ellipticity and weak half-continuity of some functions of the multiple
integral calculus of variations; continuity of Green's transformations"

p. 175 (Studia Mathematica, Papers issued by the Polish Academy of Sciences,
Vol. 17, no. 2, 1958, Warsaw, Poland)

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 1, Jan. 59.

MAURIN, KRZYSZTOF.

Metody przestrzeni Hiberna.

Warszawa, Poland. Panstwowe Wydawn. Naukowe, 1959, 363p.

Monthly List of European Accessions (E^{EAI}) LC, Vol. 8, no. 7, July 1959

Uncl.

MAURIN, K.

Remarks on the spectrum and eigenfunctions (Links of invariant
differential operators on Lie groups. Bul Ac Pol mat 8 no.1:3-9
'60. (EEAI 9:11)

1. Instytut Matematyczny, PAN. Vorgelegt von A. Mostowski.
(Lie algebras)
(Calculus, Operational)
(Groups, Theory of)
(Eigenfunctions)

MAURIN, K.

A remark on general eigenfunction developments for interchangeable operator systems of any power. Bul Ac Pol mat 8 no.6:381-384 '60.
(EEAI 10:6)

1. Institut Matematyczny, Pan. Vorgelegt von A. Mostowski.
(Eigenfunctions) (Spaces, Generalized)
(Topology)

MAURIN, K., MAURIN, L.

The nuclearity of certain Rellich-Sobolev embeddings; application of the spectrum theory of differential operators. Bul Ac Pol mat 8 no.9: 621-624 '60.

1. Instytut Matematyczny, PAN. Presented by A. Mostowski.

(Spaces, Generalised)

MAURIN, K.

Mappings of Hilbert-Schmidt-type. Their application to eigenfunction expansions and elliptic boundary problems. *Bul Ac Pol mat* 9 no.1: 7-11 '61.

1. Institute of Mathematics, Polish Academy of Sciences. Presented by A. Mostowski.

(Eigenfunctions) (Functions, Elliptic)

MAURIN, K.

H_0^A -spaces and their application to general eigenfunction developments. Bul Ac Pol mat 9 no.5:363-367 '61.

1. Instytut Matematyczny, Polska Akademia Nauk, Warszawa.
Presented by A. Mostowski.

MAURIN, K.

Distributions of Yamabe groups. Harmonic analysis on an Abelian l.k. group. Bull Ac Pol mat 9 no.12:845-850 '61.

1. Institute of Mathematics, Polish Academy of Sciences, Warsaw.
Presented by A. Mostowski.

MAURIN, K.

Stability of the index of elliptic boundary value problems. Bul Ac
Pol mat 9 no.12:851-852 '61.

1. Institute of Mathematics, Polish Academy of Sciences, Warsaw.
Presented by S. Mazur.

MAURIN, K.; MAUR'N, L.

Spectrum and generalized self connected elements of separable operators. Bul Ac Pol mat 10 no.6:343-347 '62.

1. Instytut Matematyczny, Polska Akademia Nauk, i Politechnika, Warszawa. Presented by K. Borsuk.

MAURIN, K.

Small perturbations of boundary value problems. Bul Ac Pol
mat 11 no.1:23-26 '63

1. Institute of Mathematics, Polish Academy of Sciences, and
Institute of Mathematics, University, Warsaw. Presented by
K. Borsuk.

MAURIN, K.

Mathematical structure of Wightman formulation of quantum field theory. Bul Ac Pol mat 11 no.3:115-119 '63.

1. Institute of Mathematics, Polish Academy of Sciences, Warsaw.
Presented by W. Rubinowicz.

MAURIN, K.; MAURIN, L.

Enveloping algebra of a locally compact group and its self
adjoint representations. Bul Ac Pol mat 11 no.8:525-529
'63.

1. Institute of Mathematics, Polish Academy of Sciences,
Warsaw. Presented by K. Borsuk.

MAURIN, K.

A theory of characters. Harmonic analysis on π -groups of connected type. Bul Ac Pol mat 11 no. 9:587-592 '63.

1. Institute of Mathematics, Polish Academy of Sciences, Warsaw. Presented by K. Borsuk.

MAURIN, Lidia; MAURIN, Krzysztof

Spectrum theory of separable operators. Studia math 23
no.1:1-29 '63.

1. Technische Hochschule und Universitat, Warschau.

MAURIN, K. (Warszawa)

Mappings of Hilbert-Schmidt type; their applications to eigenfunction expansions and elliptic boundary problems. *Studia math*
Ser spec no.1:73-74 '63.

MAURIN, K.

Automorphic functions and spectral theory (noncompact case).
Bul Ac Pol math 12 no.7:385-390 '64.

1. Department of Mathematics of the University, Warsaw, and
Institute of Mathematics of the Polish Academy of Sciences.
Presented by K. Kuratowski.

MAURIN, K.; MAURIN, L. (Warsaw)

Universal enveloping algebra of a local compact group and its
self-adjoint representations; applications. Stud math 24 no.3:
227-243 '64

MAURIN, -L. -

"Are the Electric Octopolar Lines Observable in the Roentgen Spectrum?",
P. 69, (POLSKA AKADEMIA NAUK, Vol. 2, No. 2, 1954, Varsovie, Poland)

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3,
March 1955, Uncl.

MAURIN, K.; MAURIN, L.

The nuclearity of certain Rellich-Sobolev embeddings; application of the spectrum theory of differential operators. Bul Ac Pol mat 8 no.9: 621-624 '60.

1. Instytut Matematyczny, PAN. Presented by A. Mostowski.

(Spaces, Generalized)

MAURIN, K.; MAURIN, L.

Spectrum and generalized self connected elements of separable operators. Bul Ac Pol mat 10 no.6:343-347 '62.

1. Instytut Matematyczny, Polska Akademia Nauk, i Politechnika, Warszawa. Presented by K. Borsuk.

MAURIN, K.; MAURIN, L.

Enveloping algebra of a locally compact group and its self
adjoint representations. Bul Ac Pol mat 11 no.8:525-529
'63.

1. Institute of Mathematics, Polish Academy of Sciences,
Warsaw. Presented by K. Borsuk.

MAURIN, Lidia; MAURIN, Krzysztof

~~Spectrum~~ theory of separable operators. Studia math 23
no.1:1-29 '63.

1. Technische Hochschule und Universitat, Warschau.

MAURIN, K.; MAURIN, L. (Warsaw)

Universal enveloping algebra of a local compact group and its
self-adjoint representations; applications. Stud math 24 no.3:
227-243 '64

16(1)

AUTHOR: Maurin, L.N.

SOV/55-58-2-1/35

TITLE: The Solution of Linear Differential Equations by the Method of the Total Differential (Resheniye lineynykh differentsial'nykh uravneniy metodom polnogo differentsiala)

PERIODICAL: Vestnik Moskovskogo Universiteta. Seriya matematiki, mekhaniki, astronomii, fiziki, khimii, 1958, Nr 2, pp 3-8 (USSR)

ABSTRACT: The solution of an ordinary homogeneous linear differential equation $L(y) = 0$ is sought in the form

$$y(x) = \int_A^B \alpha(k) e^{F(k,x)} dk .$$

Then it is

$$L(y) = \int_A^B d(k) \wedge \left(\frac{\partial F}{\partial x} \right) e^{F(k,x)} dk ,$$

where the order of the non-linear operator $\wedge$ is smaller by 1 than the order of L . If $F(k,x)$ is chosen so that

Card 1/3

The Solution of Linear Differential Equations
by the Method of the Total Differential

SOV/55-58-2-1/35

$$\alpha(k) \wedge \left(\frac{\partial F}{\partial x} \right) e^{F(k,x)} = \frac{\partial}{\partial k} \left[\alpha(k) e^{F(k,x)} \right]$$

then $u(k,x) = \frac{\partial F(k,x)}{\partial x}$ satisfies the partial differential equation

$$(2) \quad \frac{\partial u}{\partial k} - \frac{\partial}{\partial x} (\wedge(u)) = 0 .$$

By choosing different particular solutions of (2) one obtains different integral representations of the solutions of $L(y) = 0$.

As an example the equations

$$y'' + (a+bx + cx^2)y = \text{const} \quad \text{and} \quad y'' - Ae^{ax}y = 0$$

are considered. The author thanks Yu.L. Rabinovich for the suggestion to the present paper.
There is 1 figure.

Card 2/3

The Solution of Linear Differential Equations
by the Method of the Total Differential

SOV/55-58-2-1/35

ASSOCIATION: Kafedra matematiki dlya fizicheskogo fakul'teta (Chair of
Mathematics of the Faculty of Physics) [Moscow University]

SUBMITTED: March 26, 1957

Card 3/3

MAURIN, L.N. (Ivanovo); SROKIN, V.S. (Ivanovo)

Wave flow of thin layers of a viscous fluid. PMF no. 4:60-67
Jl-Ag '62. (MIRA 16:1)

(Hydrodynamics)

Source: (to copy); Date: 1960. 10/1/60

Country: Poland

Academic Degree: Academic title not indicated

Affiliation: Institute of Mathematics, Polish Academy of Sciences
(Instytut Matematyczny, PAN)

Source: Warsaw, Bulletin de l'Académie Polonaise des Sciences et des Lettres, Série A, Mathématiques, Astronomie, Physique, Chimie, Vol. 8, No. 1, pp. 1-11.

Data: "Mappings of Hilbert-Schmidt-Type. Their Application to Eigenfunction Expansions and Elliptic Boundary Problems," presented by A. KOSZCZAKI on 4 November 1960.

MAURIN, N.I.

Thermoelectric psychrometer with remote control. Tekst. prom.
17 no.7:46-47 J1 '57. (MIRA 10:9)

1. Starshiy laborant Ivanovskogo energeticheskogo instituta.
(Hygrometry) (Electric measurements)

Maurina A, A.G.

PANCHENKOV, G.M.; SEMIOKHIN, I.A.; MAURINA, A.G.; YERSHOVA, N.P.

Separation of the stable hydrocarbon isotopes by counter current chemical exchange in the gaseous phase. Part.1 [with English summary in insert].Zhur.fiz.khim. 30 no.9:2070-2076 S '56.

(MIRA 9:12)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
(Carbon--Isotopes)

MAURINA, M.P. (Leningrad, Lesnoy pr., d. 59, kv. 442)

Clinical aspects and treatment of malignant tumors of the ovaries
in childhood. Vop.onk. 5 no.8:196-202 '59. (MIRA 12:12)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. A.I. Petchenko)
Leningradskogo pediatricheskogo meditsinskogo instituta (dir. prof.
N.T. Shutova).
(OVARY neoplasms)

MAURINA, M.P.

Clinical aspects and diagnosis of tumors of the ovaries in childhood. Akush.i gin. 35 no.6:88-91 N-D '59. (MIRA 13:4)

1. Iz kafedry akusherstva i ginekologii (zaveduyushchiy - prof. A.I. Petchenko) Leningradskogo pediatricheskogo meditsinskogo instituta (direktor - prof. N.T. Shutova).
(OVARY neopl.)

Martina, N. D.

✓ Evaluation of sensitivity of explosives to mechanical treatment, based on falling weight tests. K. R. Andreyev, N. D. Martina, and Yu. A. Rusakova (Dokl. Akad. Nauk SSSR, 1955, 100, 800-802). Impact tests performed on Pb azide (powder, compressed pellets with or without paraffin) show that explosion occurs more readily when the material is able to flow laterally during impact, leading to friction between granules, which initiates explosion. The tests, as usually performed in a rigidly enclosed space, may thus convey misleading information as to the safety of an explosive during manipulation at the factory or in transport. Similar effects are found for other explosives (T.N.T., T.E.N.). R. Tauscor.

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SOV/76-32-8-5/37

AUTHORS: Andreyev, K. K., Glazkova, A. P., Maurina, N. D., Svetlov, B. S.

TITLE: The Thermal Decomposition of Nitro Esters (Termicheskiy raspad nitroefirov) I. Investigation of the Kinetics of the Decomposition of Nitroglycerin and Nitroglycol According to the Manometric Method (I. Issledovaniye kinetiki raspada nitroglitserina i nitroglikolya manometricheskim metodom)

PERIODICAL: Zhurnal fizicheskoy khimii, 1958, Vol. 32, Nr 8, pp. 1726-1738 (USSR)

ABSTRACT: In the introduction the authors mention the investigations already carried out in this field and explain them; the papers by Robertson (Ref 1), Will (Vill) (Ref 2), S. Z. Roginskiy et al. (Ref 4), and A. Ya. Apin, O. M. Todes and Yu. B. Khariton (Ref 7) are mentioned. As the high temperature-coefficient of the decomposition rate of nitroglycerin does not depend on a high resistance of its molecule but on the heterogeneity of the course of decomposition a further investigation of this thermal decomposition especially under simple conditions turns out to be interesting. A glass manometer with a thin-walled crescent-shaped glass membrane was used for the present experiments. The

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SOV/76-32-8-5/37

The Thermal Decomposition of Nitro Esters. I. Investigation of the Kinetics of the Decomposition of Nitroglycerin and Nitroglycol According to the Manometric Method

investigations in the vapor phase were carried out at 140, 150, and 165° and the maximum limit values of m/v were calculated according to the data by Brandner (Ref 11). It is assumed that in the thermal decomposition of nitroglycerin at least two macroscopic reaction stages exist as far as could be observed; also a reduction of the nitrogen dioxide to the oxide may take place. Thus, the rate of gas formation does not vary with time in strict accordance with an equation of a first order reaction. In the case of nitroglycol a similar result was obtained, with the difference that this process proceeded more quickly in the beginning. Experiments carried out in the liquid phase at small m/v and at temperatures of from 80 to 165° yielded values agreeing with those obtained by Robertson, although the intermediates were not removed. The decomposition in the liquid phase differs from that in the gas phase by the character of the $p = f(\tau)$ curves and the absolute value of the initial rate of gas formation. The effect of the decomposition products on the decomposition was investigated. Those with nitrogen dioxide were carried out by L. Ye. Tsebukhovskaya, and those with water by

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SOV/76-32-8-5/37

The Thermal Decomposition of Nitro Esters. I. Investigation of the Kinetics of the Decomposition of Nitroglycerin and Nitroglycol According to the Manometric Method

G. N. Bespalov, student. Then the author thanks N. M. Emanuel'. There are 10 figures, 2 tables, and 12 references, 6 of which are Soviet.

ASSOCIATION: Khimiko-tekhnologicheskii institut im. D. I. Mendeleeva, Moskva
(Institute of Chemical Technology imeni D. I. Mendeleev,
Moscow)

SUBMITTED: January 23, 1957

Card 3/3

Name: MAURING, Kh. O.

Dissertation: Utilization of horses in work and the desirable type of
agricultural horse in Estonian SSR

Degree: Cand Agr Sci

Defended at
~~Affiliation:~~ Estonian Agricultural Acad

Publication
Defense Date, Place: 1956, Tartu

Source: Knizhnaya Letopis', No 45, 1956

USSR/Farm Animals - Horses

Q

Abs Jour : Ref Zhur - Biol., No 15, 1958, 69260

Author : Mauring, H.

Inst : Estonian Agricultural Academy

Title : Performance of the Tori Breed of Horses According to Lines

Orig Pub : Eesti Pollumaj. Akad. teaduslike toode kogumik, Sb. nauchn. tr. Est. s.-kh. akad., 1957, 3, 175-182

Abstract : Horses belonging to the lines Khalis and Khasmo are distinguished by highest speed in movement at a peace gait (distance 50 km) and, in movement at a trot, those belonging to the lines Khasmo, Khalis and Loots. The horses of the line Heldenknabe had the lowest speed at a pace gait, and those of the line Ukhke, at a trot. For a distance of 2 km, the highest speed of movement

Card 1/2

USSR/Farm Animals - Horses

Q

Abs Jour : Ref Zhur - Biol., No 15, 1958, 69261

Author : Mauring, H.

Inst : Estonian Agricultural Academy

Title : Studies of Performance in Field Work of the Horse Breeds
Raised in the Estonian SSR

Orig Pub : Eesti Pollumaj. Akad. teaduslike toode kogumik, Sb.
maachn. tr. Est. s.-kh. akad., 1957, 3, 183-189

Abstract : Experimental data and observations showed that prolonged
work (during a ten-hour working day) requiring 55 to 60
kg of tractive force is too exacting for the Estonian
horse, but it may be used for work requiring an average
of 30 kg of tractive force. The Tori horses and Esto-
nian Heavy-Drafts possess a good speed of movement, en-
durance and a great tractive force for the execution of

Card 1/2

MAURING, H.

The work qualities of the Estonian horse and its importance in the breeding of the
Tori horse breed. p. 171.

SOTSIALISTLIK POLUMAJANDUS. Tallinn, Hungary, Vol. 13, no. 4, Apr. 1958.

Monthly List of East European Accessions (EEAT), *Vol. 8 15 Dec* LC, No. 4, *July* 1959.
Uncl.

MAURINS, A.

Using fir exotics in building forests. p. 59.

BIOLOGICHESKAJA NAUKA; SELSKOMU I LESNOMU KHOZIAISTVU. (Latvijas PSR
Zinatnu akademijs. Biologijas zinatnu nodala) Riga, Latvia, No. 3, 1957.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

ZUNDE, I.; MAURINS, A.

All-Union Conference on the Introduction of Plants. Vestis Latv
ak no.8:183-184 '60.

(KBAI 10:9)

(Plants)

MAURINYA, Kh. A.

"Importance of the Intensity of Light on the Development of Rye."
Cand Biol Sci, Leningrad Agricultural Inst, Leningrad, 1954. (RZhBiol,
No 6, Mar 55)

SO: Sum No. 670, 29 Sep 55 - Survey of Scientific and Technical Dis-
sertations Defended at USSR Higher Educational Institutions (15)

USSR / Cultivated Plants. Cereal Crops.

M-3

Abstr Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58540

Author : Maurinye, Kh. A.

Inst : Latvian Agricultural Academy

Title : Some Problems of Stage Development of Winter Rye

Orig Pub : Tr. Latv. s.-kh. akad., 1956, vyp 5, 5-14

Abstract : The development of plants of winter rye in the luminous stage was studied in the experimental plot of the physiology department of the Leningrad agricultural institute in 1952-1953. Plant reaction to the length of the daylight ceases with the formation of staminal tubercles and of the ovary embryo in the lower flowers of spikelets which are located in the middle section of the ear. The reaction of the plant in the experiments on the duration of the daylight (according to the time of ear formation) ceased 12-17 days before the start of ear-formation in the control

Card 1/2

37

MAURINYA, Kh.A., [Maurina, H.A.], kandidat biologicheskikh nauk.

Course of development of some corn varieties and hybrids in the
Latvian S.S.R. Agrobiologiya no.5:16-21 S-O '56. (MLRA 9:11)

1. Latviyskaya sel'skokhozyaystvennaya akademiya, kafedra plodovoshchevodstva i fiziologii rastenii, Riga.
(Latvia--Corn(Maze)) (Photoperiodism)

USSR / Cultivated Plants. Grains.

M-2

Abs Jour: Ref Zhur-Biol., No 6, 1958, 24972

Author : ~~Maurinya, Kh. A.~~

Inst : Leningrad Agricultural Institute

Title : The Development of Winter Rye after the Light Stage

Orig Pub: Zap. Leningr. s.-kh. in-ta, 1956, vyp. 11, 56

Abstract: In the experiments of 1952-1953 the length of the third stage of development was studied. The third stage is the developmental period between the light stage and the critical period (the appearance of the pollen tetrads in the anthers of more developed inflorescences) and lasts in winter rye some 17-18 days at 5-10° and 12 days at 15-23°. The process of the third stage in rye is accompanied by a lengthening of the spike and internodes, rapid growth of the anthers and embryos, the development of the

Card 1/2

32

COUNTRY: USSR
 CATEGORY: CULTIVATED PLANTS. Grains. Leguminous Grains.
 Tropical Cereals.
 ABS. JOUR. REF. JOUR. - BIOLOGIYA, NO. 4, 1959, No. 15607
 AUTHOR: Maurinya, Kh.A.
 INST. Salaspil'skaya Experimental Station of Decorative*
 TITLE: Effect of the Length of Day on Corn Growth

ORIG. PUB. : V. sb.: Kul'tura kukuruzy v SSSR. M.,
 "Sov. nauka", 1957, 15-18
 ABSTRACT: The findings of a vegetative experiment of
 the Salaspil'skaya experimental station of
 decorative horticulture, Rihzskiy
 Rayon (Latvia) with two sorts: Lenin-
 gradka - early maturing, and Minnesota - late
 maturing. An especially sharp reaction to the
 length of day was noted in the Minnesota plants.
 Under the influence of the short (12 hour) day
 on the Minnesota plant during the light stage,
 waxy stage grain was obtained in the

CARD:

1/2

*Horticulture.

USSR/Cultivated Plants - Grains.

M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82312

Author : Maurinya, Kh.A.

Inst : Latvian Agricultural Academy

Title : Development of Generative Organs in Corn.

Orig Pub : Tr. Latv. s.-kh. akad., 1957, vyp. 6, 91-104

Abstract : Data is cited on the development of male and female racemes and the accumulation of dry matter according to growth stages and corn varieties (Leningradka, Minnesota 13, Skorospelaya, Severnyy Pioneer, Neretskiy hybrid, Severnaya Osetiya hybrid No 1, VIR hybrids 243, 316, 33 and 42, early Saulzynes hybrids and others). Bibliography of 9 titles.

Card 1/1

- 34 -

MAURINYA, Kh. [Maurina, H.]

Some procedures for obtaining heterosis descendants of corn.
Izv.AN Latv.SSR no.7:91-96 '63. (MIRA 17:4)

100 and 4th COPIES

1ST AND 2ND COPIES

PROCESSES AND PROPERTIES INDEX

Microdetermination of carbon and hydrogen. H. Ya. Shubert and M. E. Maurik. *J. Gen. Chem.* (U. S. S. R.), 7, 2523-31 (1937).--Detailed directions are given for burning the sample in O_2 and absorbing the H_2O and CO_2 formed. S. L. Madursky, /

7

ADDITIONAL METALLURGICAL LITERATURE CLASSIFICATION

83001 830199

831137 004 004 111

MAURIT, M. E.

USSR/Chemistry - Alkaloids

Dec 51

"A New Method of Synthesizing Alkaloids of the
Pilocarpine Group," M. A. Preobrazhenskiy, M. E.
Maurit, G. V. Smirnov

"Dok Ak Nauk SSSR" Vol LXXI, No 4, pp 613-616

A compd already having elements corresponding to
the 3, 4, and 5 positions of the imidazole group
has an alkyl group substituted in the 5 position.
This compd is then reacted with an alkylthioiso-
cyanate to give the 1, 5-disubstituted imidazole
compd. This is a new reaction leading to pilocar-
pine alkaloids. It is protected by a 1949 USSR
author's certificate.

202T23

MAURIT, M. Ye.

AUTHORS: Preobrazhenskiy, N. A., Malkov, K. M., 79-11-53/56
Maurit, M. Ye., Vorob'yev, M. A.
Vlasov, A. S.

TITLE: Synthesis of the Alkaloid Arecoline and its Homologues
(Sintez alkaloida arekolina i yego gomologov).

PERIODICAL: Zhurnal Obshchey Khimii, 1957, Vol. 27, Nr 11,
pp. 3162-3170 (USSR)

ABSTRACT: The alkaloid of the Aroca Catechu palm recognized as N-methyl-1,2,5,6-tetrahydronicotinic acid ester (see its hydrogen bromide salt in formula VI) was hitherto synthesized in different manners. The authors carried out a synthesis of this alkaloid and its homologues of special practical importance with different substituents on nitrogen, starting from the methyl ester of acrylic acid (see series of formulae I-VI). The reaction of the methylacrylic acid ester upon alkylamines leads to the formation of β, β' -dicarbometoxydiethylalkylamines. The cyclization to N-alkyl-3-carbometoxy-4-piperidone takes place in alcoholate by heating of the diester of one of these amines. This piperidine is reduced to N-alkyl-3-carbometoxy-4-

Card 1/3

Synthesis of the Alkaloid Arecoline and its Homologues

79-11-53/56

oxypiperidine. By dehydration with the aid of dehydrating agents the latter is converted to the methyl ester of N-alkyl-

- Δ^3 - tetrahydronicotinic acid which latter with hydrogen bromide forms the salt. The following homologues of arecoline were synthesized according to one and the same method: The methyl esters of N-ethyl-, N-n.-propyl-, N-n.-butyl- and N-benzyl- Δ^3 -tetrahydronicotinic acid. The physiological investigations in the pertinent Moscow institutes showed that the produced hydrobromide of arecoline completely corresponds with the same salt of the natural alkaloid. Of the arecoline homologues only the n-propyl derivative exerts a weak physiological action. There are 9 references, 5 of which are Slavic.

Card 2/3

Synthesis of the Alkaloid Arecoline and its Homologues
ASSOCIATION:

79-11-53/56

Moscow Institute of Fine Chemical Technology.

Experimental Plant of the All-Union Chemical Pharmaceutical

Scientific Research Institute

(Moskovskiy institut tonkoy khimicheskoy tekhnologii.
Opytnyy zavod vsesoyuznogo nauchno-issledovatel'skogo
khimiko-farmatsevticheskogo instituta).

SUBMITTED: October 20, 1956

AVAILABLE: Library of Congress

1. Arecoline - Synthesis
2. Alkaloids - Synthesis
3. Aroca Catechu Palm
4. Alkaloids - Sources

Card 3/3

79-28-4-27/60

AUTHORS: Maurit, M. Ye., Preobrazhenskiy, N. A.

TITLE: Synthesis of the N-Methyl-3-Carbomethoxy-4-Oxypiperidines and Investigation of Their Steric Structure (Sintez N-metil-3-karbometoksi-4-oksipiperidinov i izucheniye ikh prostranstvennogo stroeniya)

PERIODICAL: Zhurnal Obshchey Khimii, 1958, Vol. 28, Nr 4, pp. 968-974 (USSR)

ABSTRACT: In the present paper the authors have investigated different methods of reducing the N-methyl-3-carbomethoxy-4-piperidone (II) into the corresponding piperidole (Ia, Ib) the separation of the isomeric piperidole and the conditions of their dehydration. It has been ascertained that according to the reducer and the reduction conditions methyl ethers of the N-methyl-4-oxypiperidine-3-carbonic acid with different relative contents of steric isomers are developing. Two isomeric N-methyl-3-carbomethoxy-4-oxypiperidines have been separated, the melting points of which were at 86 - 87 °C and 96,5 - 97,5 °C. When investigating the dehydration of the isomeric piperidols by thionyl chloride it was ascertained that the

Card 1/3

79-28-4-27/60

Synthesis of the N-Methyl-3-Carbomethoxy-4-Oxypiperidines and Investigation of Their Steric Structure

piperidole with the melting point at 86 - 87°C forms the basis of the arecoline (II, R = CH₃) and the piperidole with the melting point at 96,5 - 97,5°C forms the N-methyl-3-carbomethoxy-4-chloropiperidine (IV). The difference between the piperidole with the melting point at 86-87°C and that with the melting point at 96-97°C is caused by the cis-(Ia)-trans-(Ib)-isomerism of the N-methyl-3-carbomethoxy-4-oxypiperidines. Nevertheless the problem, which of the configurations is corresponding to the respective oxy derivative is very difficult to solve. As usually it is easier to separate the water from the cis-isomer and the compounds of the cis series have lower melting and boiling points, the piperidole with the melting point at 86-87°C has to be regarded as the cis-(Ia)- and that of the melting point at 96-97°C as the trans-(Ib)-isomer. It was possible to carry out the reduction of the methyl ethers of the isomeric N-methyl-3-carboxy-4-piperidols by the aid of lithiumaluminumhydride and in transferring the obtained isomers of the N-methyl-3-oxymethyl-4-oxypiperidine into toluene sulfonates of the O,O'-

Card 2/3

79-28-4-27/60
Synthesis of the N-Methyl-3-Carbomethoxy-4-Oxypiperidines and Investi-
gation of Their Structure

-benzilidene-N-methylpiperidine-3-oxymethyl-4-oles. There
are 3 references, 2 of which are Soviet.

ASSOCIATION: Moskovskiy institut tonkoy khimicheskoy tekhnologii
(Moscow Institute for Fine Chemical Technology)

SUBMITTED: April 1, 1957

Card 3/3

PRIBRAZHENSKIY, N.A.; MAURIT, M.Ye.; BAZILEVSKAYA, G.I.;
SMIRNOVA, G.V.; EL'MANOVICH, M.M.; VALAKHANOVICH, A.I.;
PERSIYANOVA, E.

Synthesis of racemic stereoisomeric α -alkylparaconic acids.
Zhur.ob.khim. 30 no.7:2250-2256 J1 '60. (MIRA 13:7)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii.
(Paraconic acid)

MAURIT, M.Ye.; SHTERNBERG, R.P.; PAKHOMOV, A.M.; BAZILEVSKAYA, G.I.;
SMIRNOVA, G.V.; PREOBRAZHENSKIY, N.A.

Synthesis of optically active α -alkyl- γ -butyrolactone-
 β -carboxylic (α -alkylparaconic) acids. Zhur.ob.khim. 30
no.7:2256-2259 J1 '60. (MIRA 13:7)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii.
(Paraconic acid)

SARYCHEVA, I.K.; SEREBRENNIKOVA, G.A.; ZVONKOVA, Ye.N.; MITROFANOVA, T.K.;
MAURIT, M.Ye.; UTKINA, O.V.; PREOBRAZHENSKIY, N.A.

Synthesis of the main triglycerides of linoleic acid. Dokl. AN SSSR
135 no.3:617-619 N '60. (MIRA 13:12)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii im. M.V. Lomonosova.
Predstavleno akad. A.N. Nesmeyanovym.
(Linoleic acid)

MAURIT, M.Ye.; SMIRNOVA, G.V.; PARFENOV, E.A.; SARYCHEVA, I.K.; PREOBRAZHEN-
SKIY, N.A.

Complete synthesis of 2,5,7,8-tetramethyl-2-(4,8,12-trimethyl-
tridecyl)-6-oxychromane (vitamin E, α -tocopherol) and its deriv-
atives. Dokl. AN SSSR 140 no.6:1330-1333 O '61. (MIRA 14:11)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii im. M.V.
Lomonosova. Predstavleno akademikom A.N.Nesmeyanovym.
(Tocopherol)

MAURIT, M.Ye.; SMIRNOVA, G.V.; PARFENOV, E.A.; VINKOVSKAYA, T.M.;
PREOBRAZHENSKIY, N.A.

Total synthesis of 3,7,11,15-tetramethyl-1-hexadecen-3-ol
(isophytol). Zhur.ob.khim. 32 no.8:2483-2487 Ag '62.

(MIRA 15:9)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni
M.V. Lomonosova.

(Hexadecenol)

MAURITS, A.A.

Material and heat balances of electric shaft furnaces for chloridizing
magnezite charge mixtures. Izv. vys. ucheb. zav.; tsvet. met. 5
no.4:117-121 '62. (MIRA 16:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy alyuminiyevo-magniyevyy
institut (VAMI).

(Electric furnaces)
(Magnesium--Electrometallurgy)

137-58-6-11999

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 115 (USSR)

AUTHORS: Ivanov, A.I., Maurits, I.I., Gopiyenko, V.G.

TITLE: Electrolysis of Chlorides of Titanium in Melts With a Liquid Cathode (Elektroliz khloridov titana v rasplavakh s zhidkim katodom)

PERIODICAL: Tr. Vses. n.-i. alyumin.-magn. in-ta, 1957, Nr 40, pp 380-387

ABSTRACT. It has been established that by means of electrolysis of $TiCl_3$ and $TiCl_4$ it is possible to obtain metallic Ti in the form of sponge or powder on the surface of a liquid cathode. Best results were obtained by employing a Zn + Mg alloy (60-70% Zn) as the cathode and by utilizing electrolytes having the following composition (in %):

40% KCl + 40% NaCl + 20% $MgCl_2$ and 44% NaCl + 36% $CaCl_2$ + 20% $BaCl_2$;

the temperature was maintained at 700°C, the cathode cd was equal to 0.2-3 a/cm² and the interpolar gap was 60-90 mm. The powders obtained contained up to 97% of metallic Ti. Impurities are introduced in the materials that constitute the liquid cathode, the electrolyte, the anode, and the raw materials. G.S.

1. Titanium chlorides--Electrolysis 2. Titanium powders--Production
3. Cathodes (Electrolytic cell)--Materials 4. Electrolytes--Composition

Card 1/1

L 10665-67 EWT(m)/EWP(t)/ETI, EWP(k) IJP(c) JD/JH
 ACC NR: AP6029678 (A) SOURCE CODE: UR/0136/66/000/008/0092/0093

AUTHORS: Vorob'yev, G. M.; Maurits, I. I.

ORG: none

TITLE: Effect of re-smelting aluminum on the sodium content of the latter

SOURCE: Tsvetnyye metally, no. 8, 1966, 92-93

TOPIC TAGS: aluminum metallurgy, sodium, aluminum /A/ aluminum, A8 aluminum

ABSTRACT: The effect of re-smelting aluminum (under industrial conditions) on its sodium content was studied. The sodium content of the specimens was determined before and after re-smelting by flame photometry, and the experimental results are tabulated. It was found that re-smelting lowers the sodium concentration in the metal. The experimental results agree with the results of L. D. Margolis, Z. V. Yel'tsova, and I. A. Zhrebnoy (Tsvetnyye metally, 1964, No. 6), obtained under laboratory conditions. Orig. art. has: 1 table.

SUB CODE: 11/13/ SUBM DATE: none/ ORIG REF: 001/ OTH REF: 001

Card 1/1

UDC: 669.71-154.9

MAURITZ, B.

MAURITZ, B. Recent observations dealing with the zeolite minerals of the basalt rocks in the highlands of Lake Balaton. In English.
p. 37.

Vol. 8, 1955
ACTA MINERALOGICA PETROGRAPHICA
GEOGRAPHY & GEOLOGY
HUNGARY

So: East European Accessions, Vol. 5, No. 9, Sept. 1956

MAURITZ, B.

MAURITZ, B. Mineralogical and petrographic observations, 1953. In English,
p. 37.

Vol. 8, 1955

ACTA MINERALOGICA PETROGRAPHICA
GEOGRAPHY & GEOLOGY
HUNGARY

So: East European Accessions, Vol. 5, No. 9, Sept. 1956

MAURITZ, B.

GEOGRAPHY & GEOLOGY (Periodicals)

MAURITZ, B. Newer observations on mineral rocks in Hungary. p. 447.

FOLDTANI KOZLONY Vol. 88, no. 4, Oct./Dec. 1958

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 5,
May 1959, Unclass.

KIEFER, H.; MAUSHART, M.; DOLINSZKY, Tamas [translator]

Radiological control of the environment of atomic engineering plants.
Atom taj 2 no.4:47-58 '59.

1. "Atomtechnikai Tájékoztató" szerkesztője.

BELAGA, M.B.; MAUSTRUK, P.N.

Experience with sanitary air protection in Vinnitsa. Gig.i san.
26 no.1:73-76 Ja '61. (MIRA 14:6)

1. In Vinnitskoy oblastnoy sanitarno-epidemiologicheskoy stantsii.
(VINNITSA AIR POLLUTION)

MAUSUMBAYEV, B.S., inzh.

Investigating the reliability of level indicators for loose
materials. Stroil. i dor. mash. 10 no.4:30-32 Ap '65.
(MIRA 18:5)

MAUSURYAN, N.A., akademik, nauchnyy rukovoditel'; GATAULINA, G.G., aspirant

Some characteristics of the biology and cultivation practices of
Lupinus albus and L. Mutabilis in Tambov Province. Izv. TSKHA
no.5:74-85 '63. (MIRA 17:7)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni
Lenina (for Mauryan).

Mauthe, G.

YUGOSLAVIA / Chemical Technology. Chemical Products H
and Their Application. Leather. Fur.
Gelatin. Tanning Materials. Industrial
Proteins.

Abs Jour: Ref Zhur-Khimiya, No 9, 1959, 33656.

Author : Mauthe, G.
Inst : Not given.
Title : Notes on Tanning by Resinoid Synthetic Tanning
Agents in Europe.

Orig Pub: Koza i obuca, 1958, 7, No 8, 287-294.

Abstract: There is submitted a review of the methods used
in tanning of chrome leather by syntans of the
type of artificial resins containing nitrogen:
the water-soluble products of the condensation
of carbamide, melamine or their formaldehyde de-
rivatives; guanidine derivatives having a cation

Card 1/2

Mautner, B

ROSMANITH, J., Dr.; MAUTNER, B. Dr.; ONDEREK, J. Dr.

Ischemic necrosis and tuberculous cavitations in massive fibrosis;
development and difficulties in differential diagnosis. Pracovní lek.
9 no.4:281-292 Sept 57.

1. Oddelení chorob z povolání KUNZ v Ostravě, vedoucí lékař MUDr
J. Rosmanith, Plícní oddelení KUNZ v Ostravě, přednosta prim Dr. J.
Onderek.

(PULMONARY FIBROSIS, differ. diag.,

ischemic & tuberc. cavitations (Cz))

(TUBERCULOSIS, PULMONARY, differ. diag.

ischemic necrosis from cavitations in massive fibrosis (Cz))

MAUTNER, B., Dr. (Strava I., Sokolska 5.)

Pneumoconiosis and tuberculosis in miners of the Ostrava-Karvina hard coal basin. Pracovni lek. 10 no.2:162-166 May 58.

1. Oddeleni chorob z povolani KUNZ v Ostrave, Vedouci lekar Dr. J. Rosmani.

(TUBERCULOSIS, PULMONARY,
pneumoconiosis with tuberc. in coal miners (Cz))
(PNEUMOCONIOSIS,
with pulm. tubero. in coal miners (Cz))

BRUCKNER, I.; MAUTNER, B.

Early diagnosis of lung cancer with special reference to abrheography.
Cas. lek. cesk. 98 no.3:85-89 16 Jan 59.

1. Onkologicke oddeleni KUNZ Ostrava-Zabreh v Paskove, prednosta prim.
MUDr. B. Rappersberg Oddeleni chorob z povlani KUNZ Ostrava, ved. lekar
MUDr. J. Rozmanith. L. B. Paskov u Ostravy.

(LUNG NEOPLASMS, diag.

electrical impedance plethysmography for early diag., ad-
vantages & disadvantages (Cz))

(PLETHYSMOGRAPHY, in various dis.

cancer of lung. diag. value of electrical impedance plethys-
mography (Cz))

BRUCKNER, Ladislav; MAUTNER, Bedrich

Unilateral pulmonary dystrophy and pneumoconiosis. Pracovni lek.
14, no.4:162-169 My '62.

1. Krajska nemocnice s poliklinikou, Ostrava, oddeleni chorob z
povolani, Ostrava 1, prednosta MUDr. J.Rosmanith a onkologicke
oddeleni, Paskov, prednosta MUDr. B.Raffersberg.
(PNEUMOCONIOSIS pathol)

ELAHA, Vladimír; KISLER, Ladislav; MAUTNER, Petr; ROSMANITH, Jindřich.

Dynamics of coniosis development in relation to the occupational hazard in the mines of the Ostrava-Karvinna basin. Prac. lek. 16 no.3:111-114 Br'64

1. Krajská hygienicko-epidemiologická stanice v Ostravě (ředitel: MUDr. J.Verner) ; Odbor hygieny práce KHS [Krajská hygienicko-epidemiologická stanice] v Ostravě (vedoucí: MUDr. V.Elaša) a Oddělení chorob z povolání Krajské nemocnice s poliklinikou v Ostravě (vedoucí:MUDr. J.Rosmanith).

1/1 complicated silicosis and in silicopneumoconiosis. 3 Czech, 3 USSR references. (Ms. rec. 20 Dec 66)

CZECHOSLOVAKIA

UDC 616.24-003.65-084:331.96

MAUTNER, Bedrich; Department of Occupational Diseases, Institute of Public Health of Moravia (Oddeleni Chorob z Povolani ZUNZ) OKD [abbreviation not explained], Ostrava, Director (Reditel) Dr M. DONUTIL

"Organized Replacement of Miners as a Precaution in the Control of Pneumoconiosis."

Prague, Pracovni Lekarstvi, Vol 19, No 2, Mar 67, pp 74 - 78

Abstract [Author's English summary modified]: Experience gained in organized replacement of miners in the mining region of Ostrava-Karvinna is described. The work in the mines is classified in 4 categories according to dust content: over 50, 20-50, 10-20, and less than 10 mg/ cubic meter. When pneumoconiosis is found, miners are moved to a zone where the dust rating is lower than in the zone in which they were working previously. A maximum exposure period for individual zones was established. 12 Tables, no references.

1/1

MAUTNER, F. I.

Eigenfunction expansions. Usp.mat.nauk 10 no.4:127-132 '55.
(MIRA 9:1)

(Eigenfunctions) (Spaces, Generalized)

YUGOSLAVIA / Chemical Technology. Fermentation Industry. H

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 75439.

Author : Krayovan, Mautner.

Inst : Not given.

Title : Production of Lactic Acid in Yugoslavia.

Orig Pub: Kemija u industriji, 1957, 6, No. 3, 83-87.

Abstract: A method was worked out for the production of lactic acid by fermenting the molasses from the beet sugar industry. To shorten the time of the production from 5 to 1 day, stimulators for growth and thermally stable compounds were used, which have been prepared from malt. A scheme for the technological process is furnished.

Part I, see: R. Zh. Khim., 1958, 51762.

Card 1/1

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